

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103530.D
 Acq On : 8 Mar 2018 21:22
 Operator : SJ/JU
 Sample : J1824-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 23:54:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

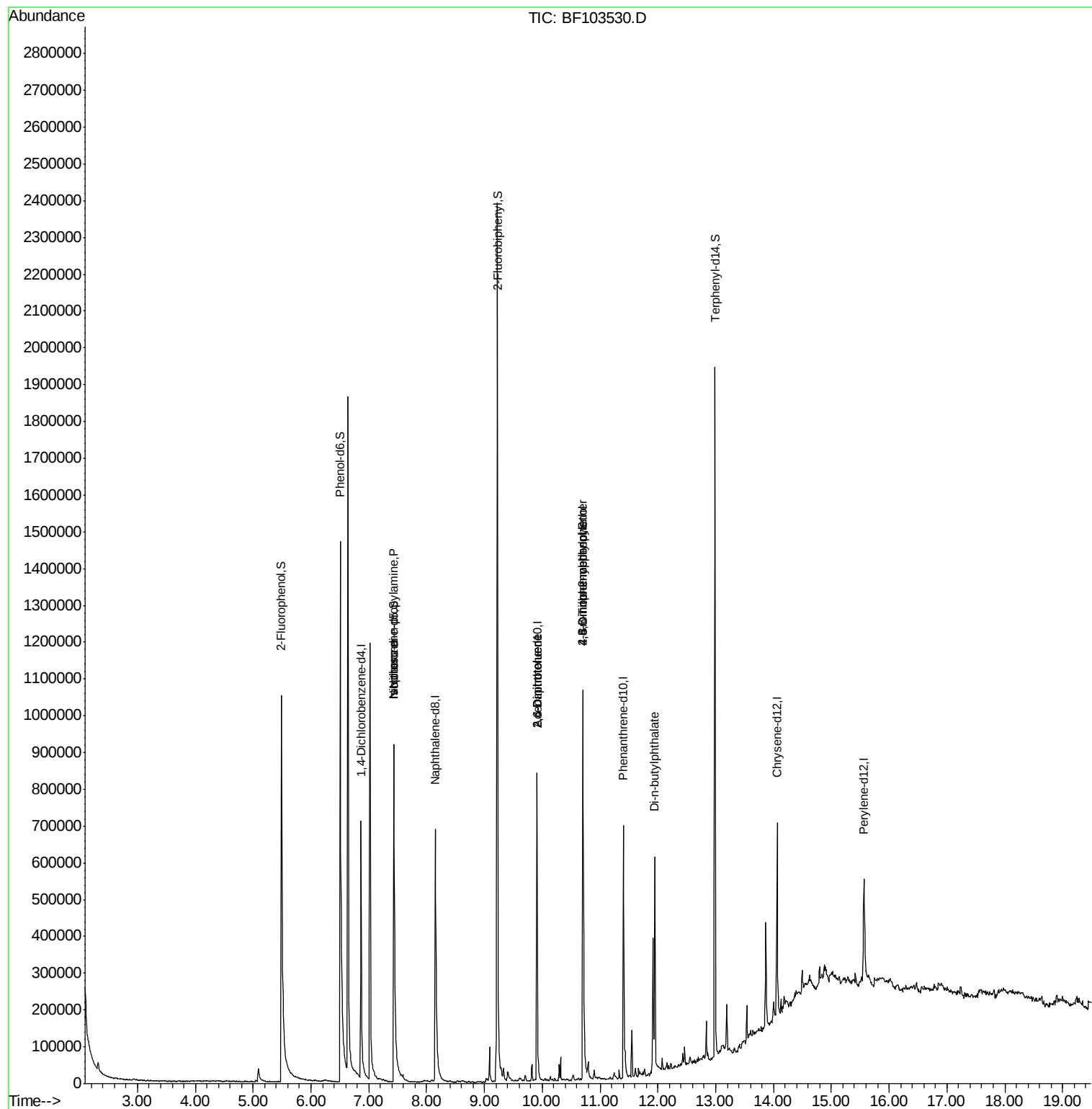
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128570	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	527717	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	197754	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	298607	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212108	20.00	ng	0.00
86) Perylene-d12	15.57	264	168039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	524982	61.76	ng	0.00
7) Phenol-d6	6.50	99	857857	82.47	ng	0.00
23) Nitrobenzene-d5	7.43	82	499123	54.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	128507	76.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	836660	69.81	ng	0.00
78) Terphenyl-d14	12.99	244	614090	69.60	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	1242	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.43	70	61432	9.489 ng	#	86
25) Isophorone	7.43	82	499123	27.425 ng	#	64
50) 2,6-Dinitrotoluene	9.91	165	24022	7.216 ng	#	26
56) 2,4-Dinitrotoluene	9.91	165	24022	5.705 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	116	5.003 ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	9131	2.935 ng	#	1
73) Di-n-butylphthalate	11.95	149	287742	13.703 ng		99

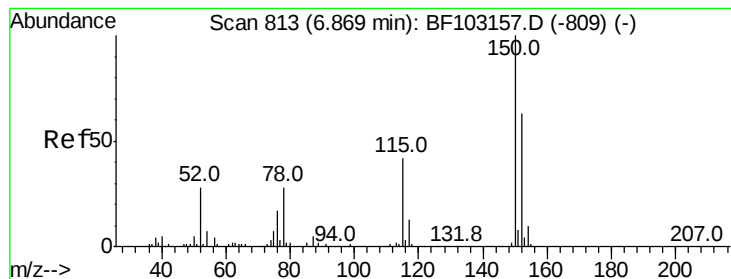
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
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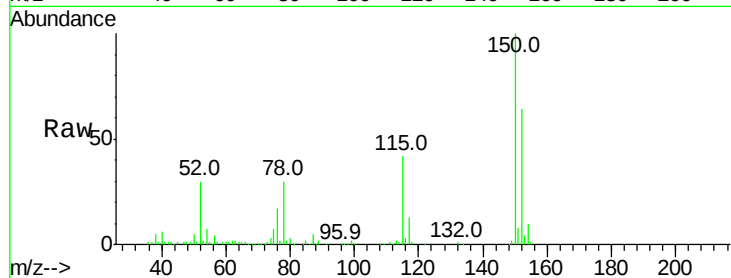


#1

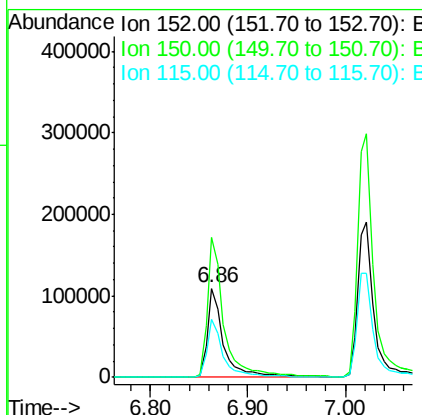
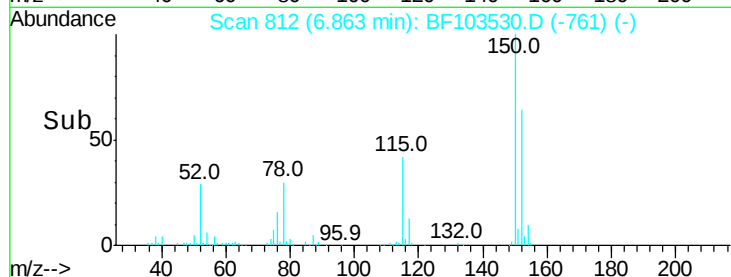
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128570
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 65.4 50.1 75.1



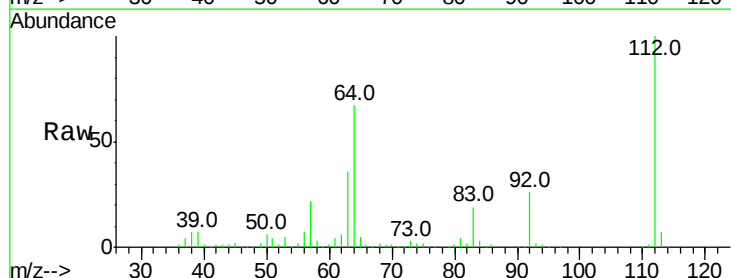
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



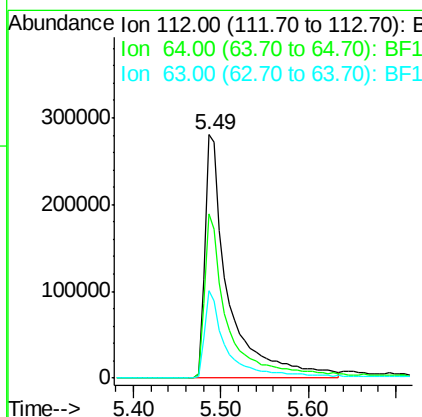
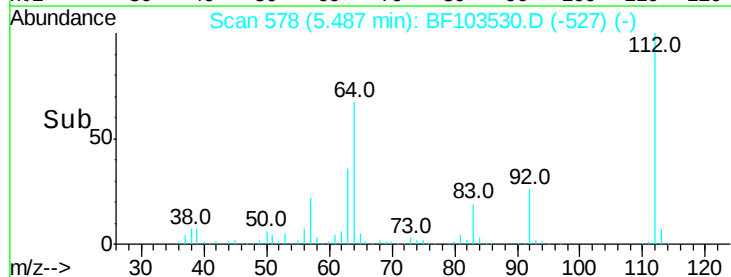
#5

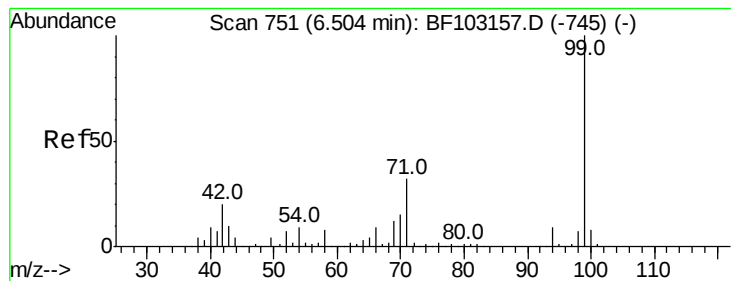
2-Fluorophenol
Concen: 61.756 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:112 Resp: 524982
Ion Ratio Lower Upper
112 100
64 67.5 47.9 71.9
63 35.8 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 82.469 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

Instrument :

BNA_F

ClientSampleId :

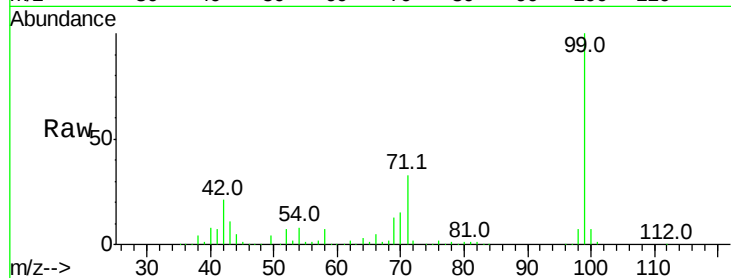
Tot Ion: 99 Resp: 857857

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

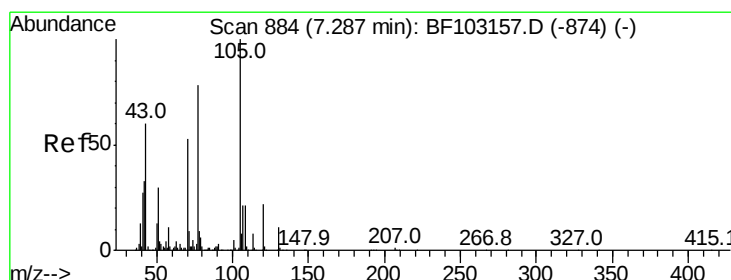
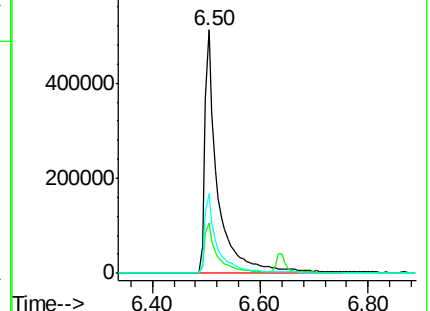
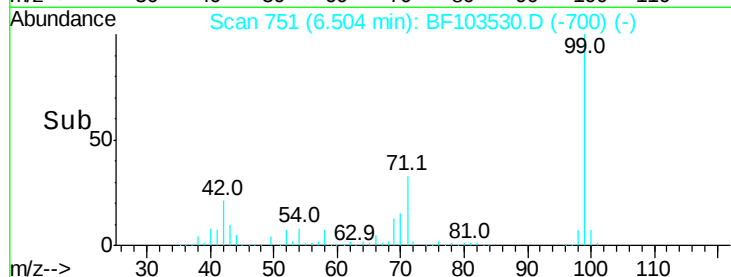
71 32.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 9.489 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.16 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

Tgt Ion: 70 Resp: 61432

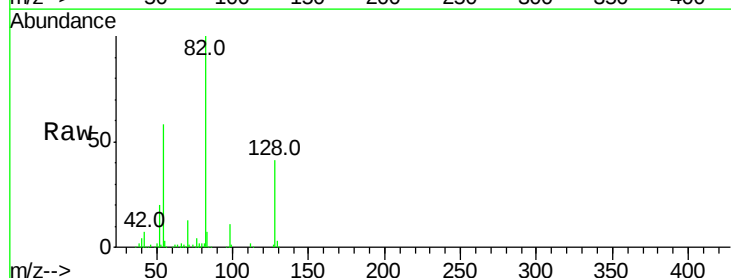
Ion Ratio Lower Upper

70 100

42 57.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

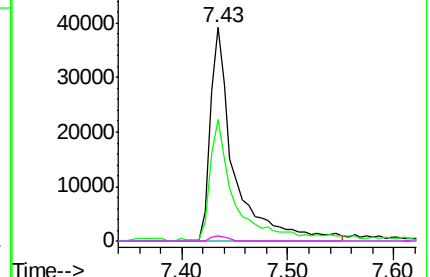
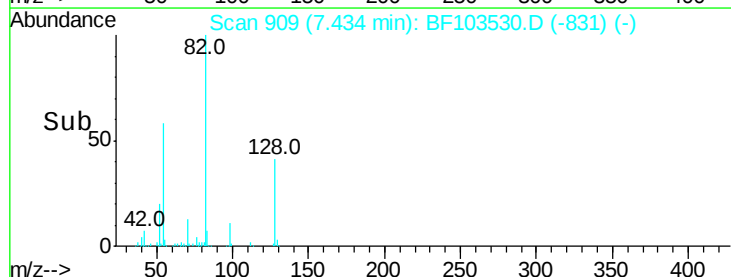


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

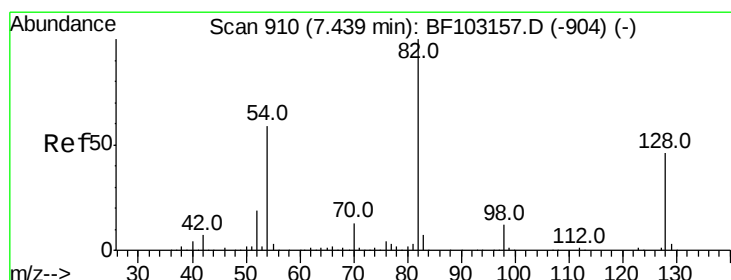
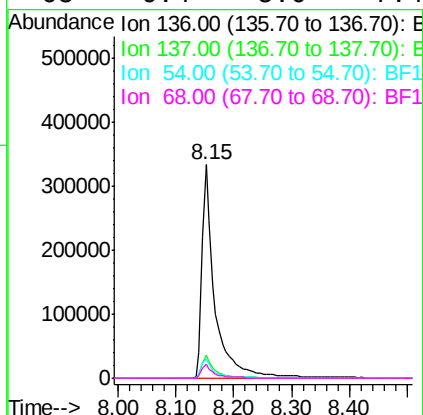
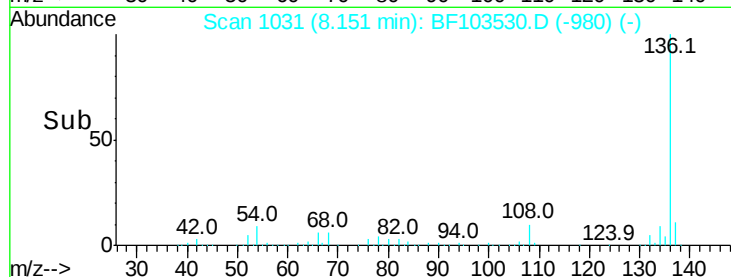
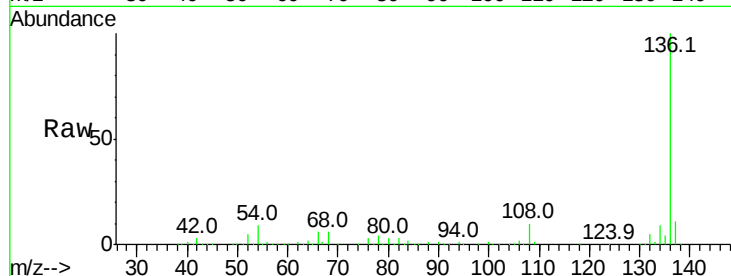




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

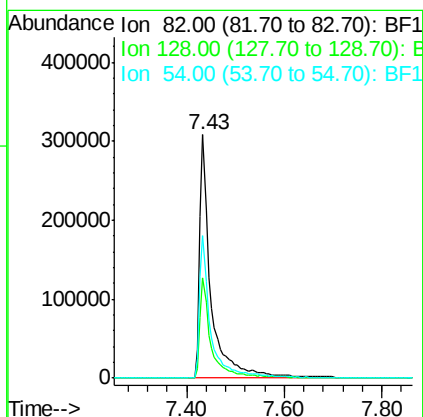
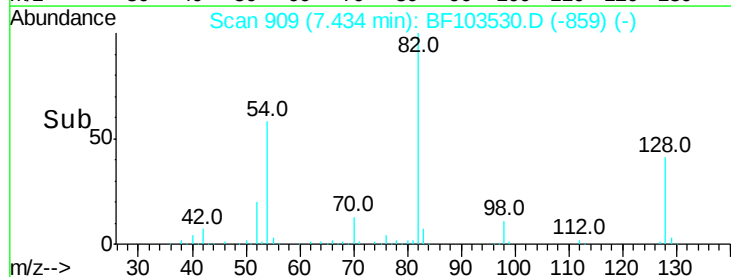
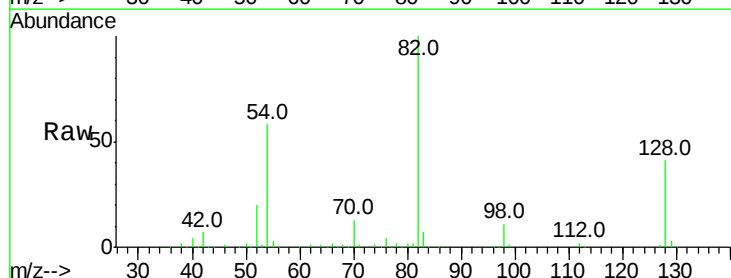
Instrument :
BNA_F
ClientSampleId :

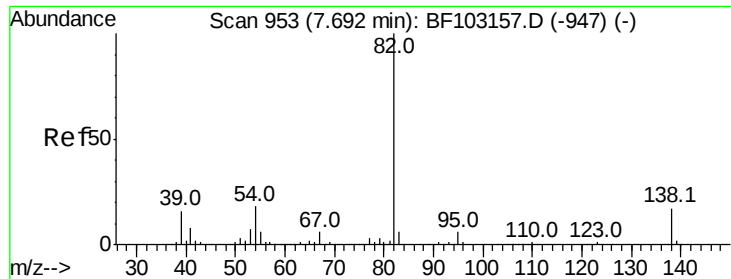
Tot Ion:	136	Resp:	527717
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 54.014 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:	82	Resp:	499123
Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.4	41.4	62.2





#25

Isophorone

Concen: 27.425 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.25 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

Instrument :

BNA_F

ClientSampleId :

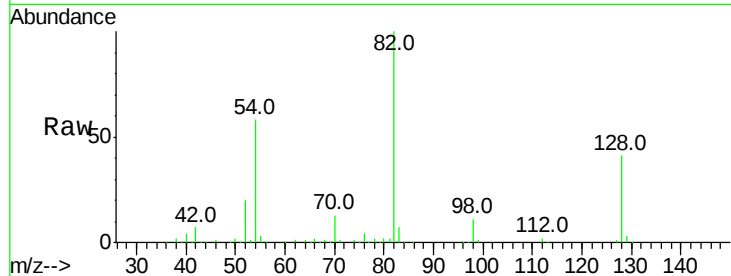
Tot Ion: 82 Resp: 499123

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

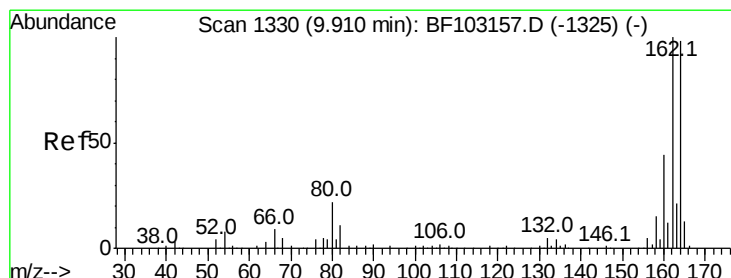
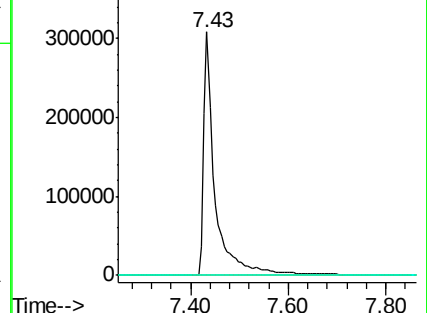
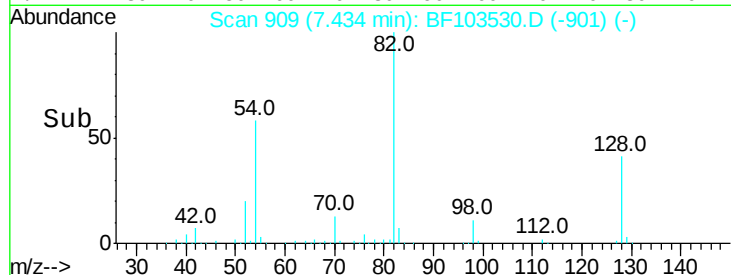
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

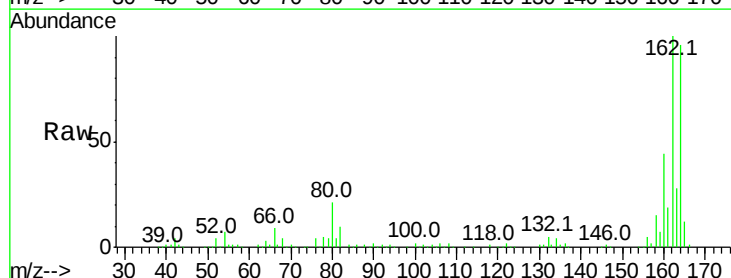
Tgt Ion:164 Resp: 197754

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

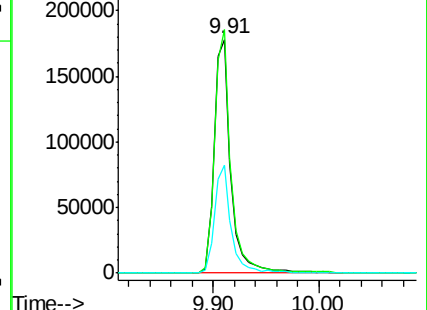
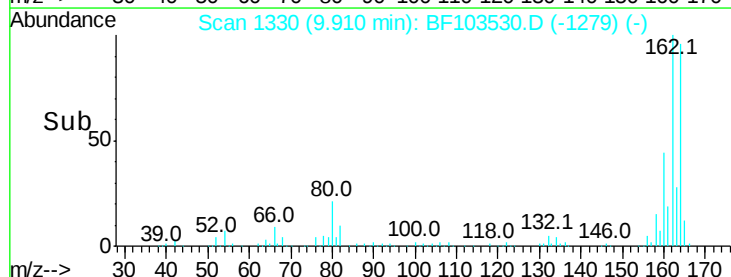
160 46.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

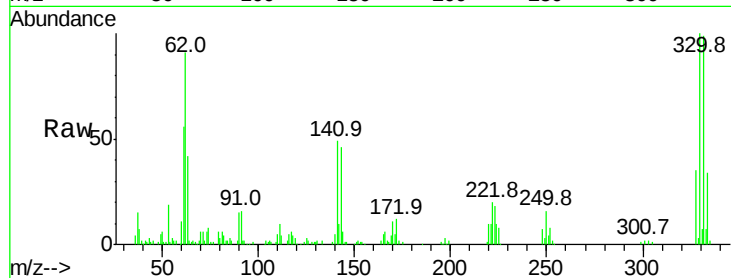




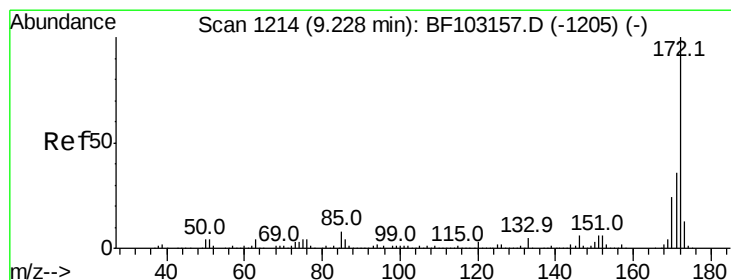
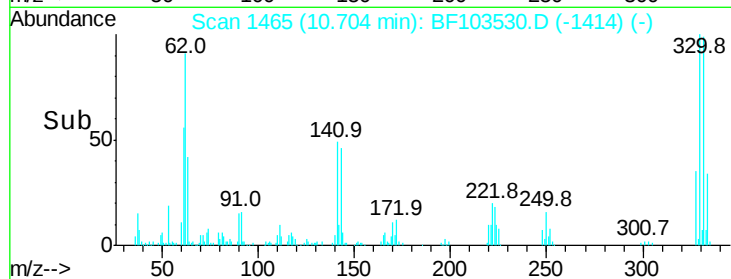
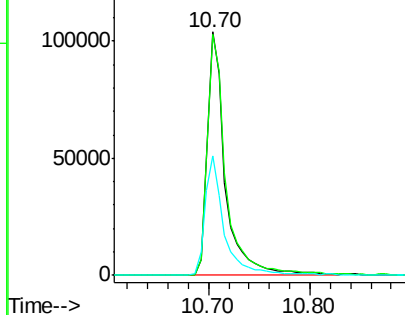
#41
 2,4,6-Tribromophenol
 Concen: 76.772 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103530.D
 Acq: 8 Mar 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	50.7	29.9	44.9

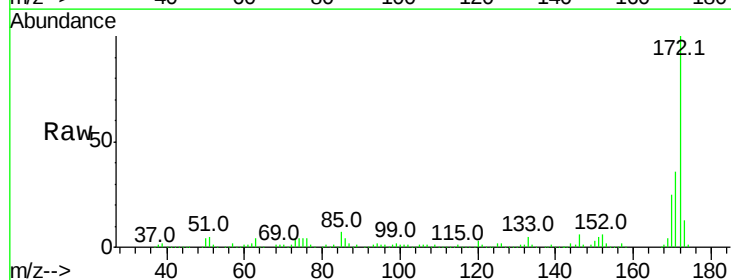


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

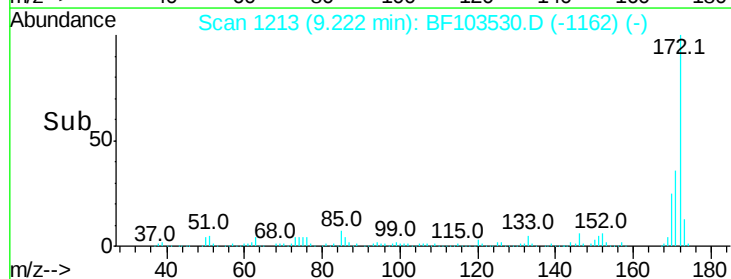
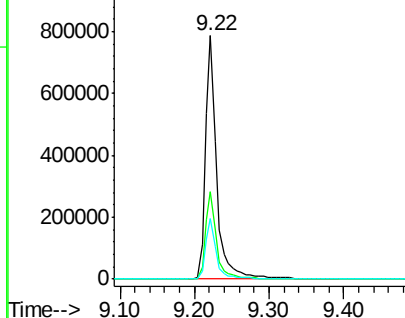


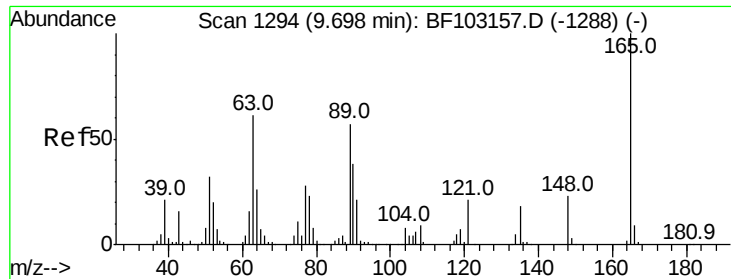
#44
 2-Fluorobiphenyl
 Concen: 69.812 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103530.D
 Acq: 8 Mar 2018 21:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

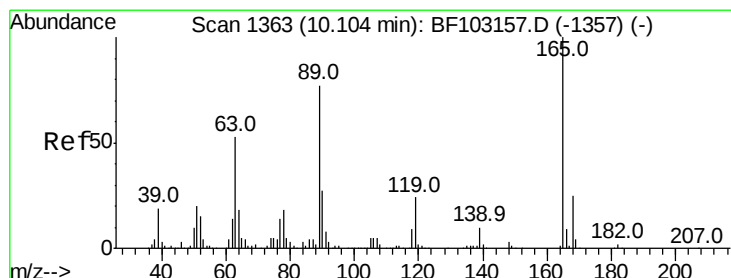
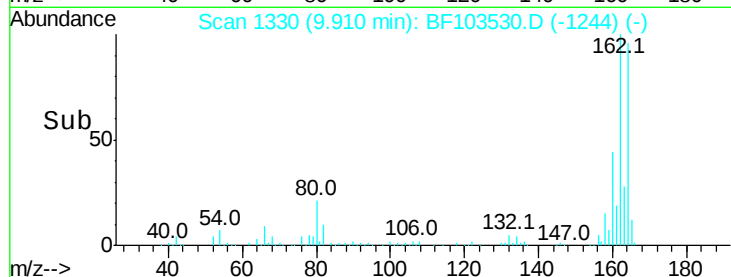
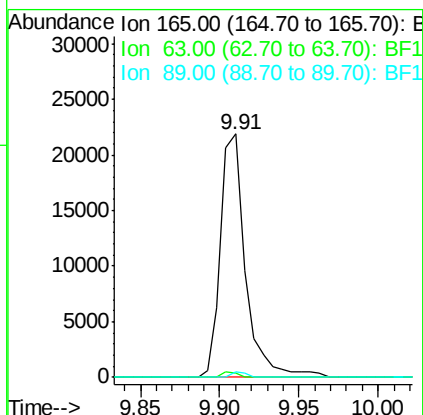
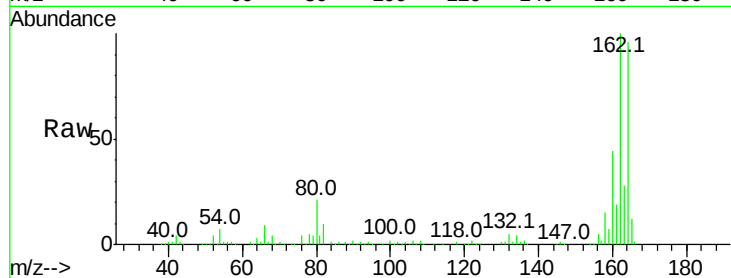




#50
 2,6-Dinitrotoluene
 Concen: 7.216 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103530.D
 Acq: 8 Mar 2018 21:22

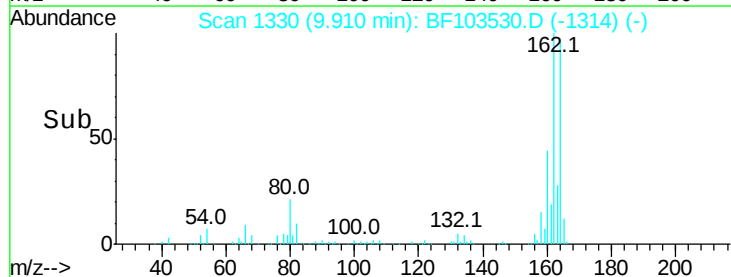
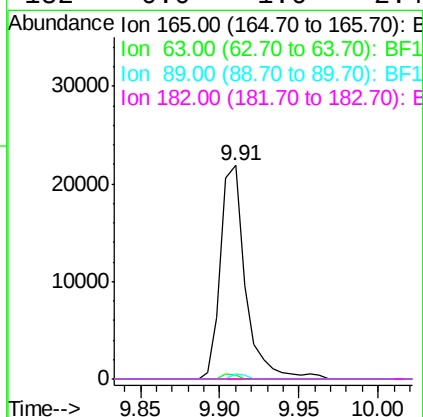
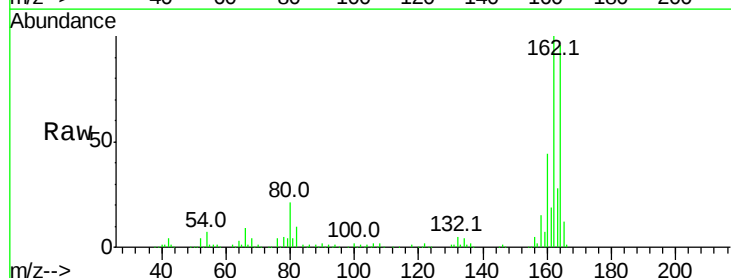
Instrument :
 BNA_F
 ClientSampleId :

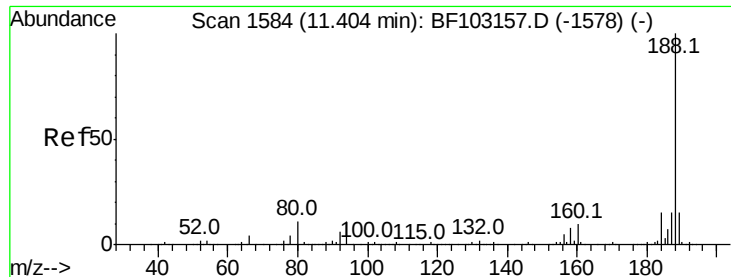
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.705 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103530.D
 Acq: 8 Mar 2018 21:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

Instrument :

BNA_F

ClientSampleId :

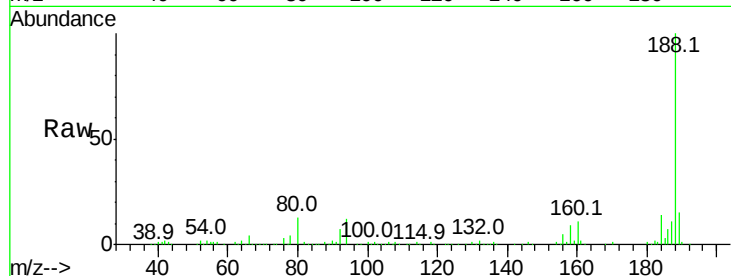
Tot Ion:188 Resp: 298607

Ion Ratio Lower Upper

188 100

94 12.1 8.5 12.7

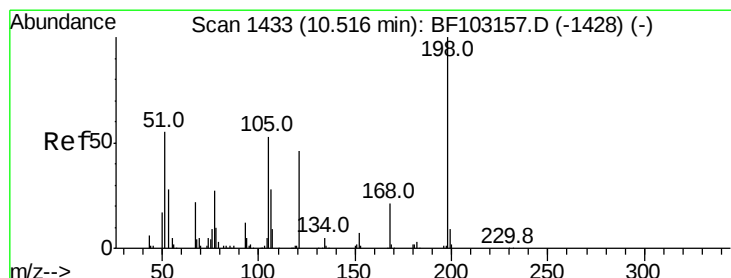
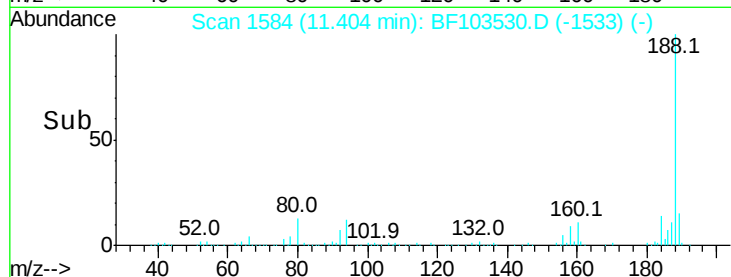
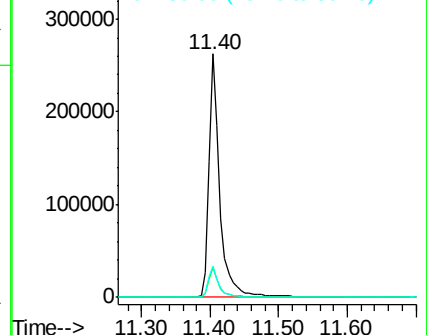
80 12.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 5.003 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.17 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

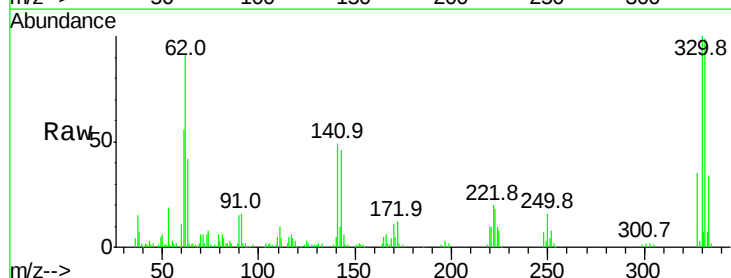
Tgt Ion:198 Resp: 116

Ion Ratio Lower Upper

198 100

51 312.2 37.7 77.7#

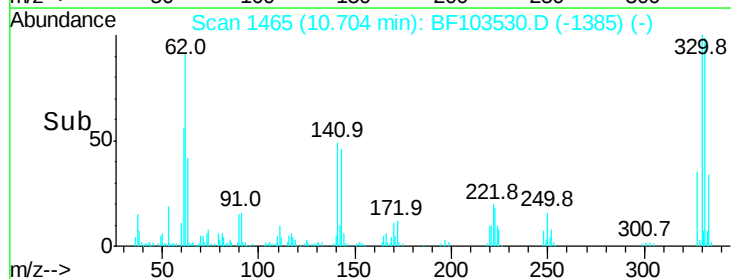
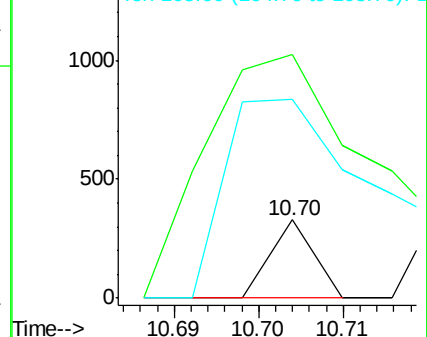
105 254.6 36.3 76.3#

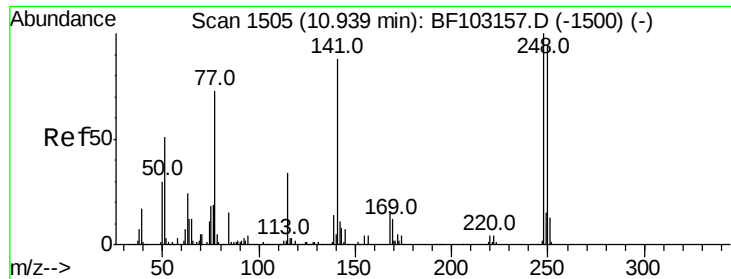


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

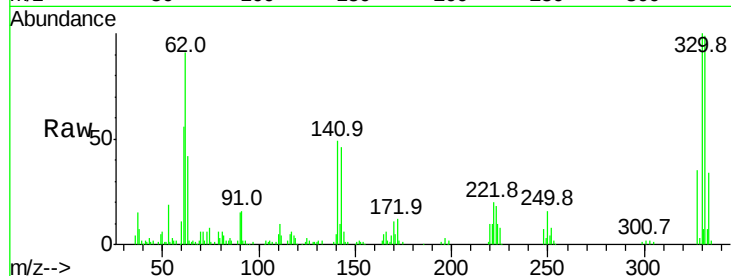




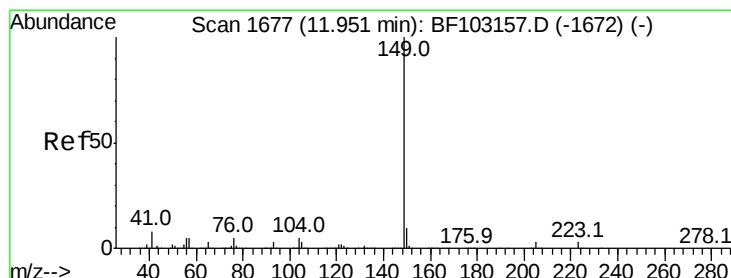
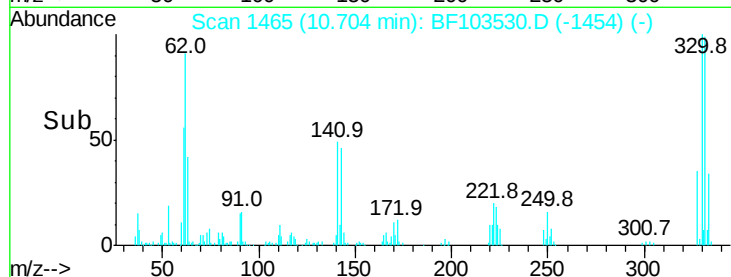
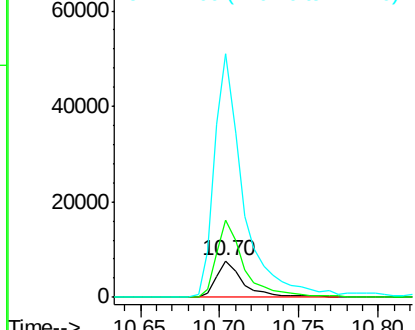
#66
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9131
Ion Ratio Lower Upper
248 100
250 211.9 76.9 115.3#
141 669.4 74.4 111.6#

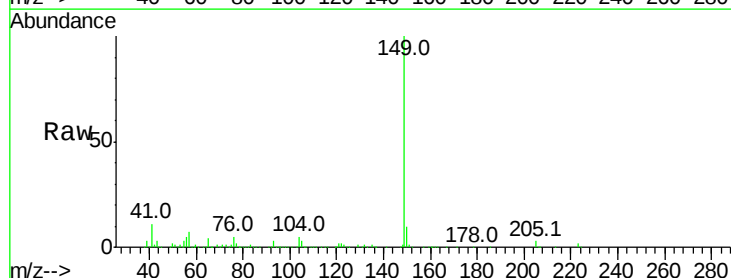


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

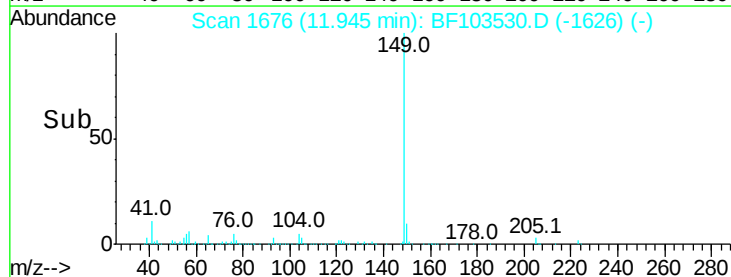
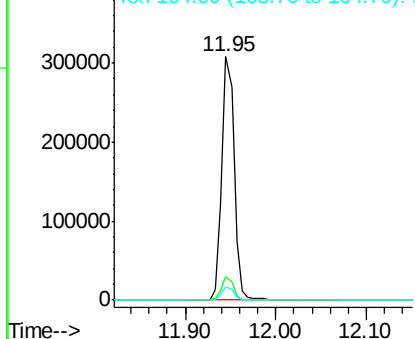


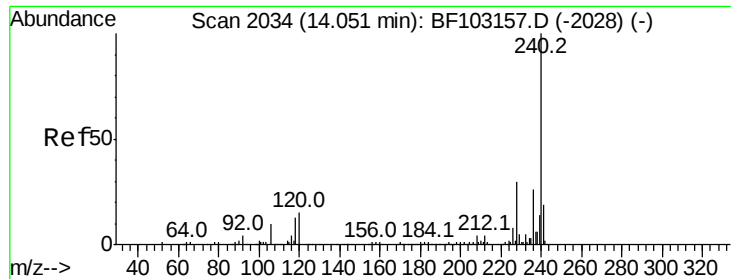
#73
Di-n-butylphthalate
Concen: 13.703 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:149 Resp: 287742
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

Instrument :

BNA_F

ClientSampleId :

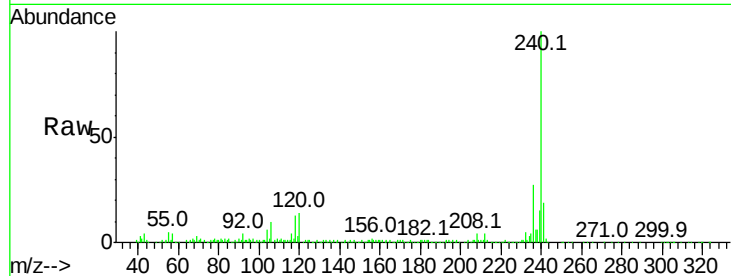
Tot Ion:240 Resp: 212108

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

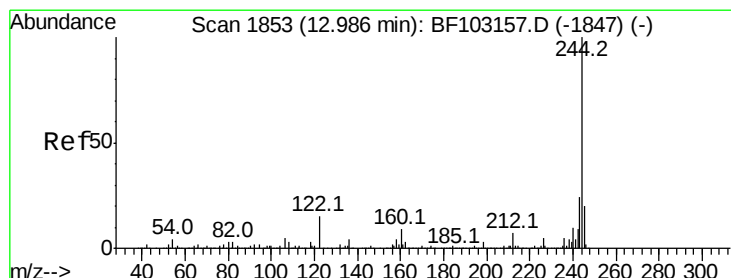
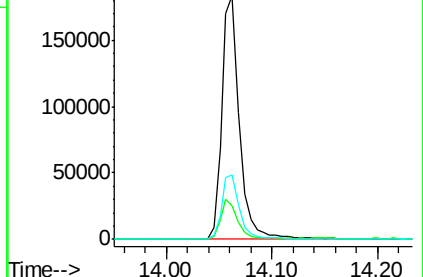
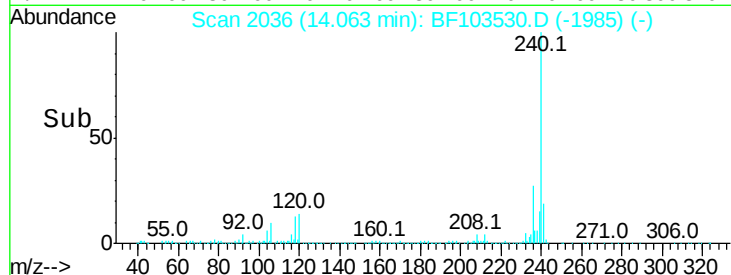
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 69.596 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103530.D

Acq: 8 Mar 2018 21:22

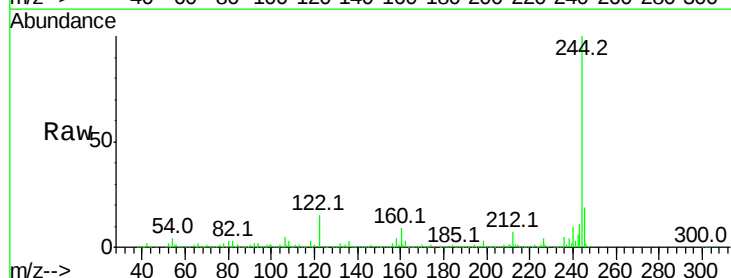
Tgt Ion:244 Resp: 614090

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

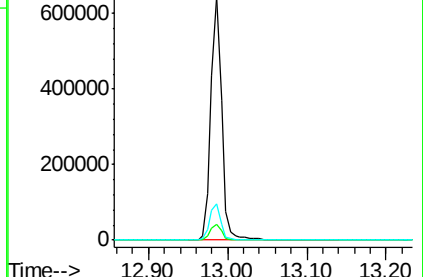
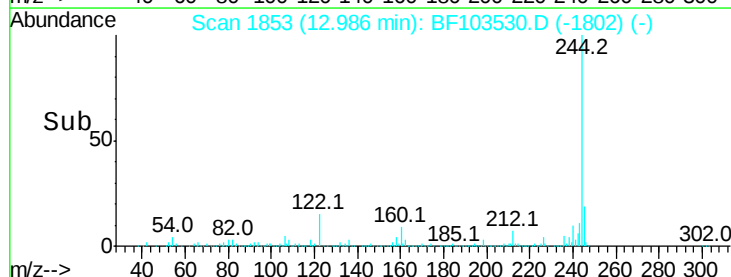
122 14.7 11.0 16.4

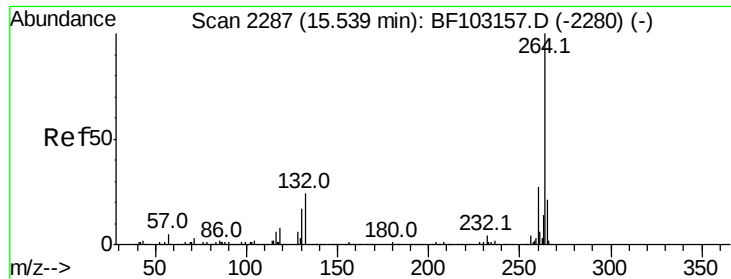


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.5	17.5	26.3

